Waves Intro: Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Block\_\_\_\_\_\_\_\_

Define “wave” and give 5 examples of waves:

Define and give an example/sketch

transverse wave

longitudinal wave

surface wave

wave pulse

travelling wave

Wave speed

Medium

Amplitude

Wavelength

Frequency

Period

reflection

refraction

diffraction

constructive interference

destructive interference node

standing wave

antinode/node

Write three procedures to explore wave properties on a long spring – think wavelength, amplitude, speed, frequency, period, reflection, wave pulse - carry out next class - write-up in class Friday

Variables:

Procedure:

Variables:

Procedure:

Variables:

Procedure: